

**AMENDMENTS TO THE CLAIMS:**

1. – 5. Cancelled.

6. (currently amended) A system for calibration process management of one or more than one unit under test (UUT), each UUT being an instance of a UUT equipment type, comprising:

a first computer readable medium for storing one or more first data objects representing calibration data from the one or more than one UUT;

a second computer readable medium for storing a first globally unique identifier in an association relationship to one of the one or more first data objects;

a third computer readable medium for storing one or more second data objects representing a reference standard for the UUT equipment class;

a fourth computer readable medium for storing a second globally unique identifier in an association relationship to one of the one or more second data objects;

a calibration management control program embodied on a fifth computer-readable medium for calibration of the one or more than one UUT, the calibration management control program in communication with the first data objects, second data objects, first globally unique identifier and second globally unique identifier, wherein the calibration management control program permits contemporaneous calibration of more than one UUT;  
and

an application program interface embodied on a sixth computer-readable medium for execution on a computer in conjunction with the calibration management control program, wherein the application program interface program is configured for contemporaneous calibration of more than one UUT.

7. (currently amended) The system of claim 6 wherein the application program interface comprises a user interface and the calibration management control program permits contemporaneous calibration of more than one UUT, and the application program interface is configured for contemporaneous calibration of more than one UUT, each UUT being is an instance of the same UUT equipment type.

8. (currently amended) A system for calibration process management of one or more than one

unit under test (UUT), each UUT being an instance of a UUT equipment type, comprising:

a first computer readable medium for storing one or more first data objects  
representing calibration data from the one or more than one UUT;

a second computer readable medium for storing a first globally unique identifier in an  
association relationship to one of the one or more first data objects;

a third computer readable medium for storing one or more second data objects  
representing a reference standard for the UUT equipment class;

a fourth computer readable medium for storing a second globally unique identifier in  
an association relationship to one of the one or more second data objects;

a calibration management control program embodied on a fifth computer-readable  
medium for calibration of the one or more than one UUT, the calibration management  
control program in communication with the first data objects, second data objects, first  
globally unique identifier and second globally unique identifier; and

an application program interface embodied on a sixth computer-readable medium for  
execution on a computer in conjunction with the calibration management control program,  
~~The system of claim 6,~~ wherein the application program interface is configured to receive  
identification of the UUT equipment type, and a value as found for a specific calibration  
function, and display tolerance limits for the UUT based upon the UUT equipment type.

9. – 17. Cancelled

18. (currently amended) The system of ~~claim 8~~claim 6, where the application program interface  
is comprises a user interface.

19. (previously presented) The system of claim 18, further comprising means for displaying a  
test accuracy ratio and an estimated measurement uncertainty.

20. (previously presented) The system of claim 8, wherein the interface is further configured to  
receive an asset number for the UUT, and a value as left for the specific calibration function.

21. (previously presented) The system of claim 20, further comprising means for indicating  
whether the value as found or the value as left is within the tolerance limits.